

How can similar attacks be prevented? This process could be made more secure by requiring the key stored within the HSM to use some kind of multi-factor authentication. – Jonathan Kline star lab logo

Securely signing release packages is not an easy undertaking, Kline says, but particularly in light of the SolarWinds breach, it remains an altogether security-crucial aspect of software development and software release, if the industry is to protect itself from another SolarWinds, that is. Scott Shadley, Vice President of Marketing at NGD Systems, a manufacturer of state-of-the-art computational storage drives (CSDs) and also a Trenton Systems technology partner, explained how NGD's drives can protect your sensitive data. Jonathan Kline, Chief Technical Officer at cybersecurity software company Star Lab, a Wind River company, and a Trenton Systems technology partner, stresses the importance of signing release packages securely but admits that there's no one-size-fits-all solution. One possible approach to securely signing software uses an offline approach combined with some form of hardware security module (HSM). Our CSDs actually leverage the security protocols of self-encrypting data.